

Behavior of solutions to elliptic equations with non-power nonlinearities in unbounded domains

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Abstract

© Karimov R. Kh., Kozhevnikova L.M., Khadzhi A.A. 2016. We establish estimates characterizing the decay rate as $|x| \rightarrow \infty$ of solutions to the Dirichlet problems in unbounded domains for a certain class of elliptic equations with non-power nonlinearities.

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Keywords

Anisotropic elliptic equations, Non-power nonlinearity, Sobolev-Orlicz space, Unbounded domain